FIG. 1

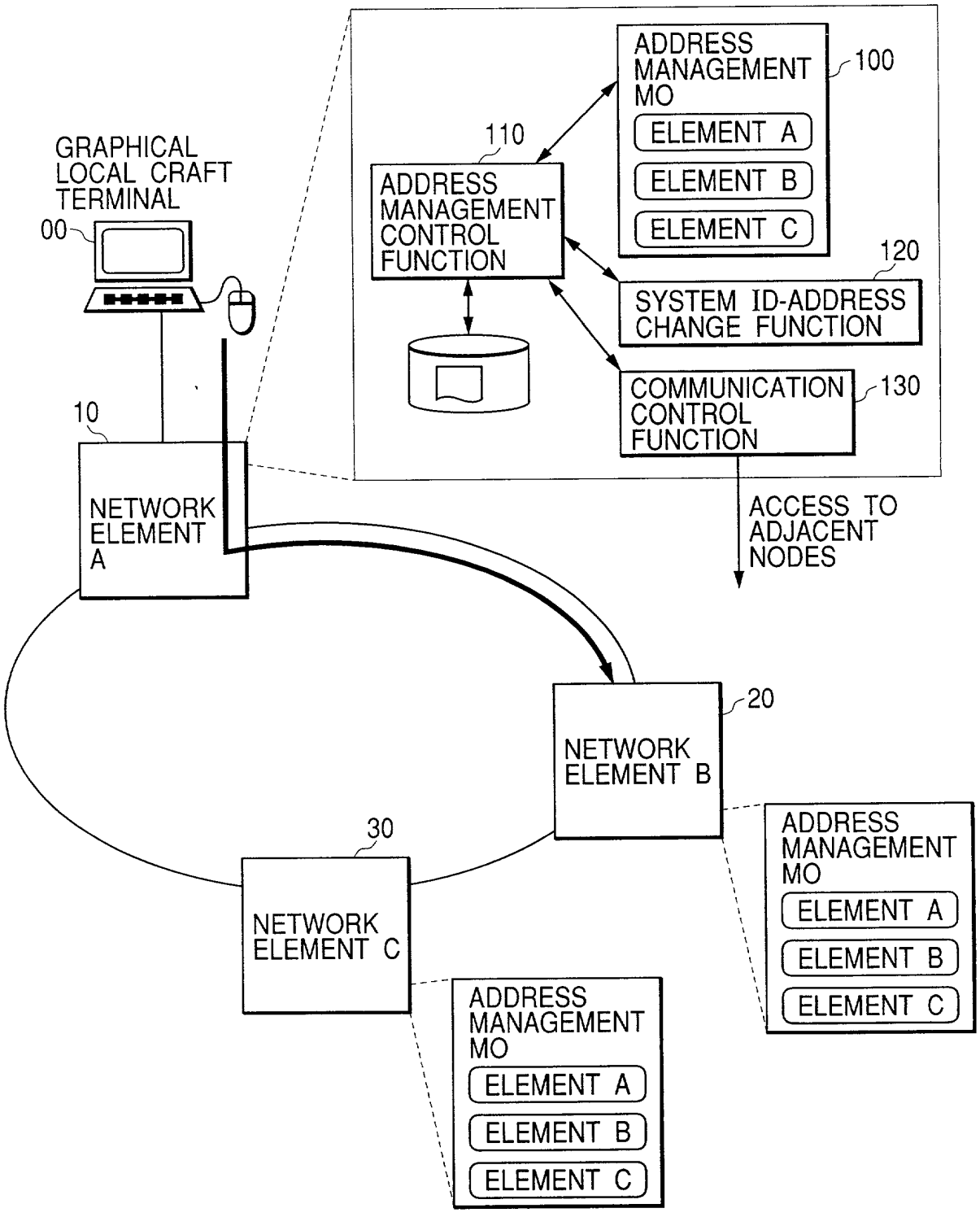
GRAPHICAL
LOCAL CRAFT
TERMINAL
00
10
NETWORK
ELEMENT
A
ADDRESS
MANAGEMENT
CONTROL
FUNCTION
110
ADDRESS
MANAGEMENT
MO
100
ELEMENT A
ELEMENT B
ELEMENT C
SYSTEM ID-ADDRESS
CHANGE FUNCTION
120
COMMUNICATION
CONTROL
FUNCTION
130
ACCESS TO
ADJACENT
NODES
NETWORK
ELEMENT B
20
ADDRESS
MANAGEMENT
MO
ELEMENT A
ELEMENT B
ELEMENT C
30
NETWORK
ELEMENT C
ADDRESS
MANAGEMENT
MO
ELEMENT A
ELEMENT B
ELEMENT C

FIG. 2

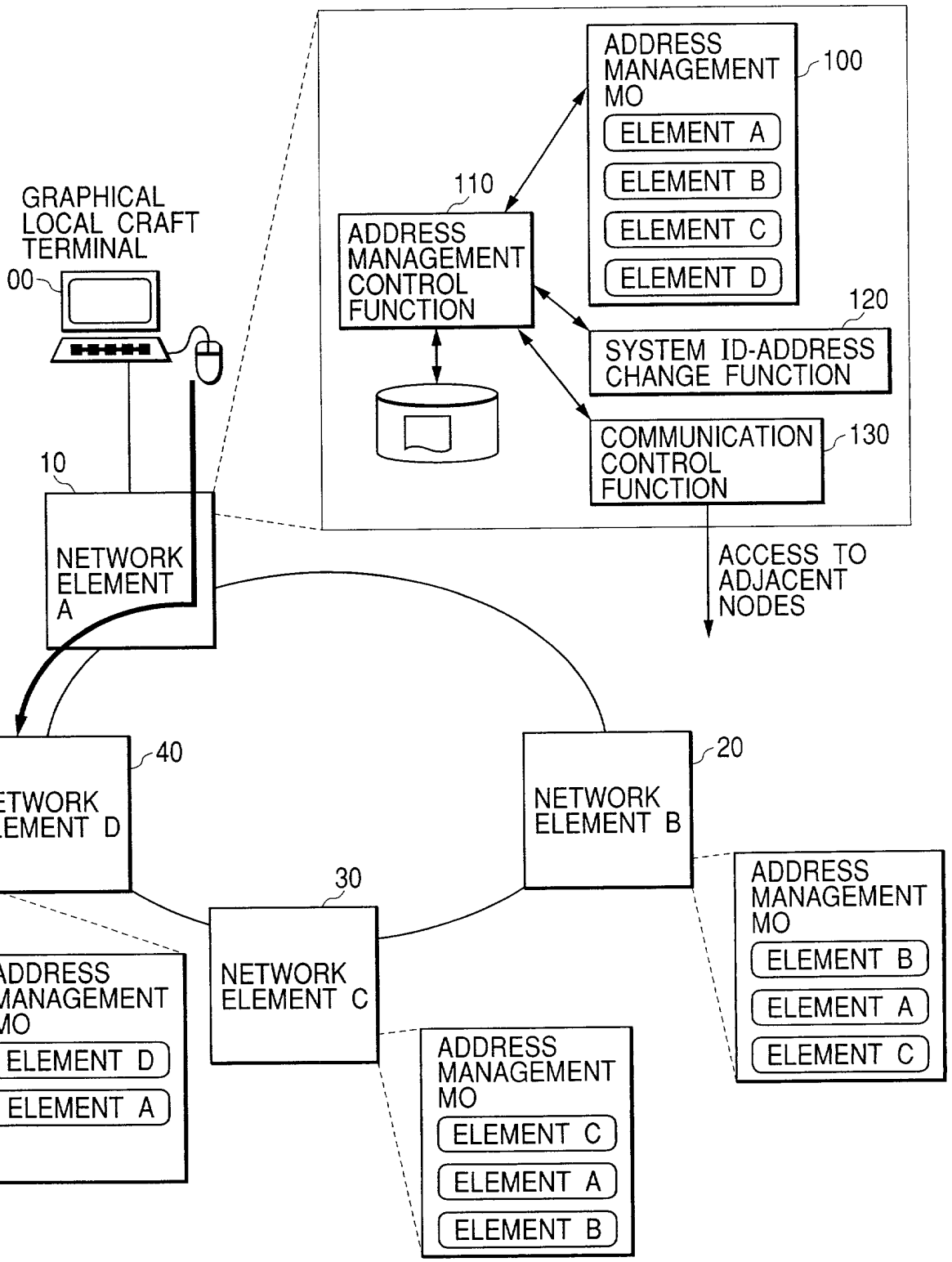
ADDRESS MANAGEMENT MO
100
ELEMENT A
ELEMENT B
ELEMENT C
ELEMENT D
110
ADDRESS MANAGEMENT CONTROL FUNCTION
120
SYSTEM ID-ADDRESS CHANGE FUNCTION
COMMUNICATION CONTROL FUNCTION
130
GRAPHICAL LOCAL CRAFT TERMINAL
00
10
NETWORK ELEMENT A
ACCESS TO ADJACENT NODES
40
NETWORK ELEMENT D
20
NETWORK ELEMENT B
30
NETWORK ELEMENT C
ADDRESS MANAGEMENT MO
ELEMENT D
ELEMENT A
ADDRESS MANAGEMENT MO
ELEMENT C
ELEMENT A
ELEMENT B
ADDRESS MANAGEMENT MO
ELEMENT B
ELEMENT A
ELEMENT C

FIG. 3

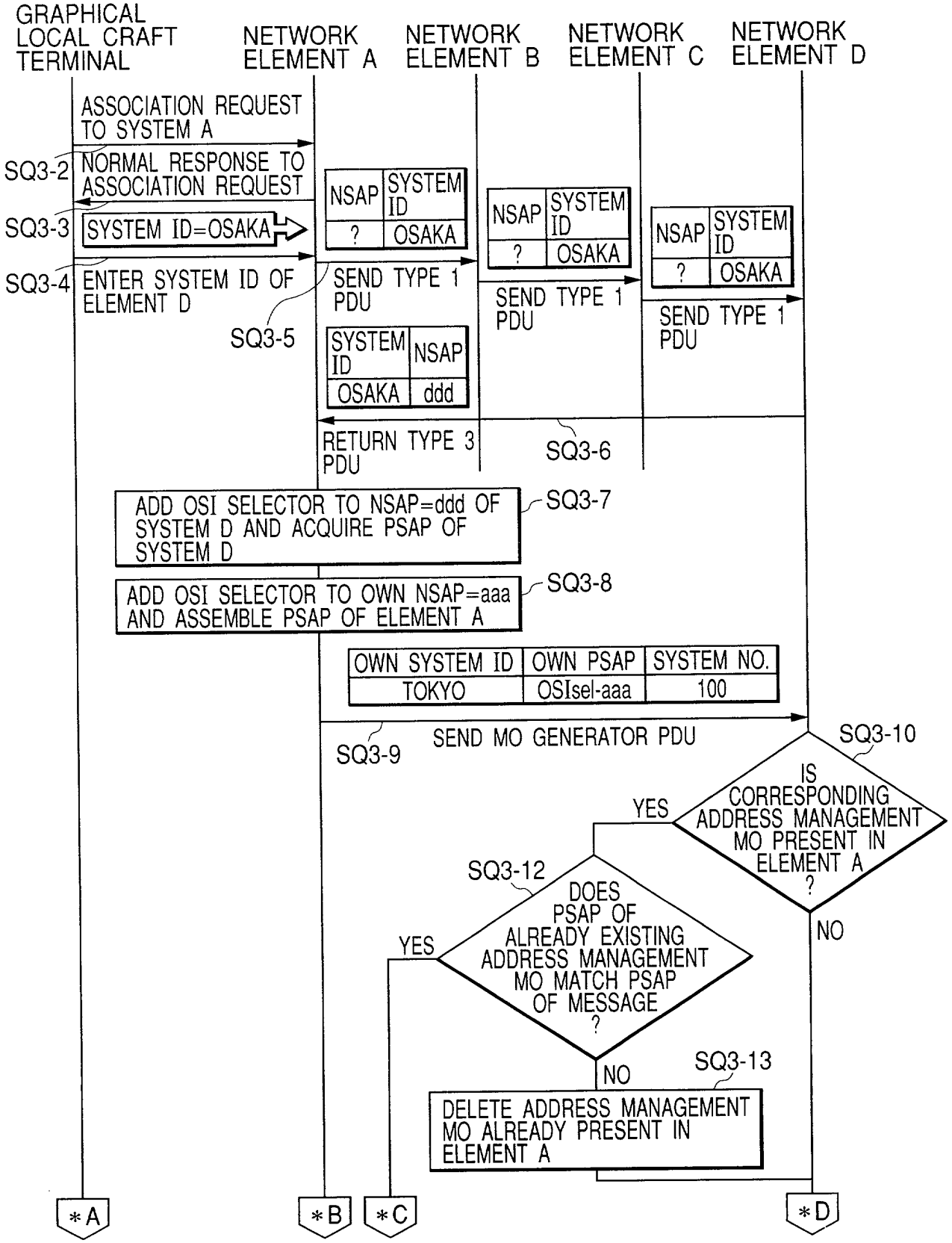

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FIG. 4

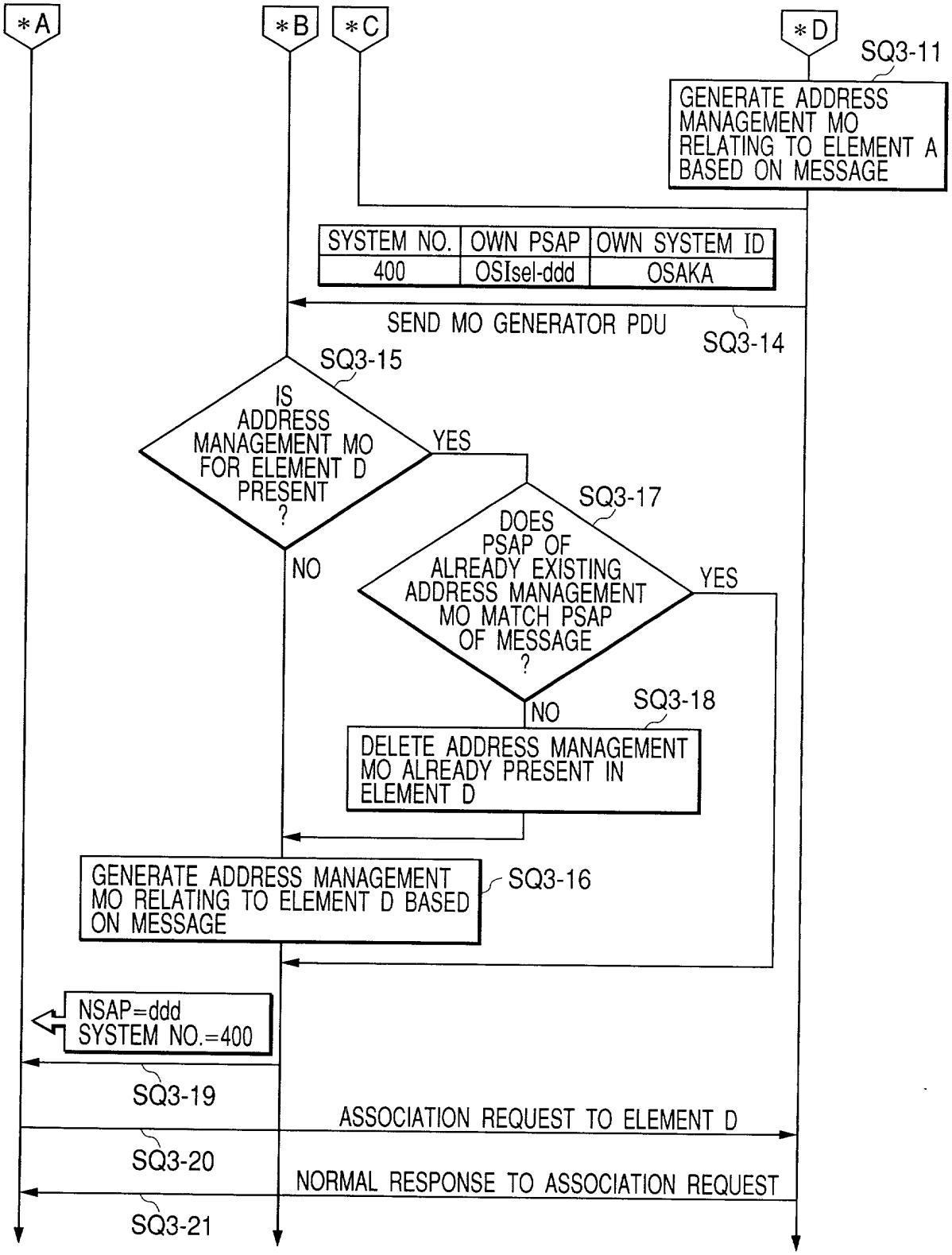

*A
*B
*C
*D
SQ3-11
GENERATE ADDRESS MANAGEMENT MO RELATING TO ELEMENT A BASED ON MESSAGE
SYSTEM NO.
OWN PSAP
OWN SYSTEM ID
400
OSIsel-ddd
OSAKA
SEND MO GENERATOR PDU
SQ3-14
SQ3-15
IS ADDRESS MANAGEMENT MO FOR ELEMENT D PRESENT ?
YES
NO
SQ3-17
DOES PSAP OF ALREADY EXISTING ADDRESS MANAGEMENT MO MATCH PSAP OF MESSAGE ?
YES
NO
SQ3-18
DELETE ADDRESS MANAGEMENT MO ALREADY PRESENT IN ELEMENT D
GENERATE ADDRESS MANAGEMENT MO RELATING TO ELEMENT D BASED ON MESSAGE
SQ3-16
NSAP=ddd
SYSTEM NO.=400
SQ3-19
ASSOCIATION REQUEST TO ELEMENT D
SQ3-20
NORMAL RESPONSE TO ASSOCIATION REQUEST
SQ3-21

FIG. 5

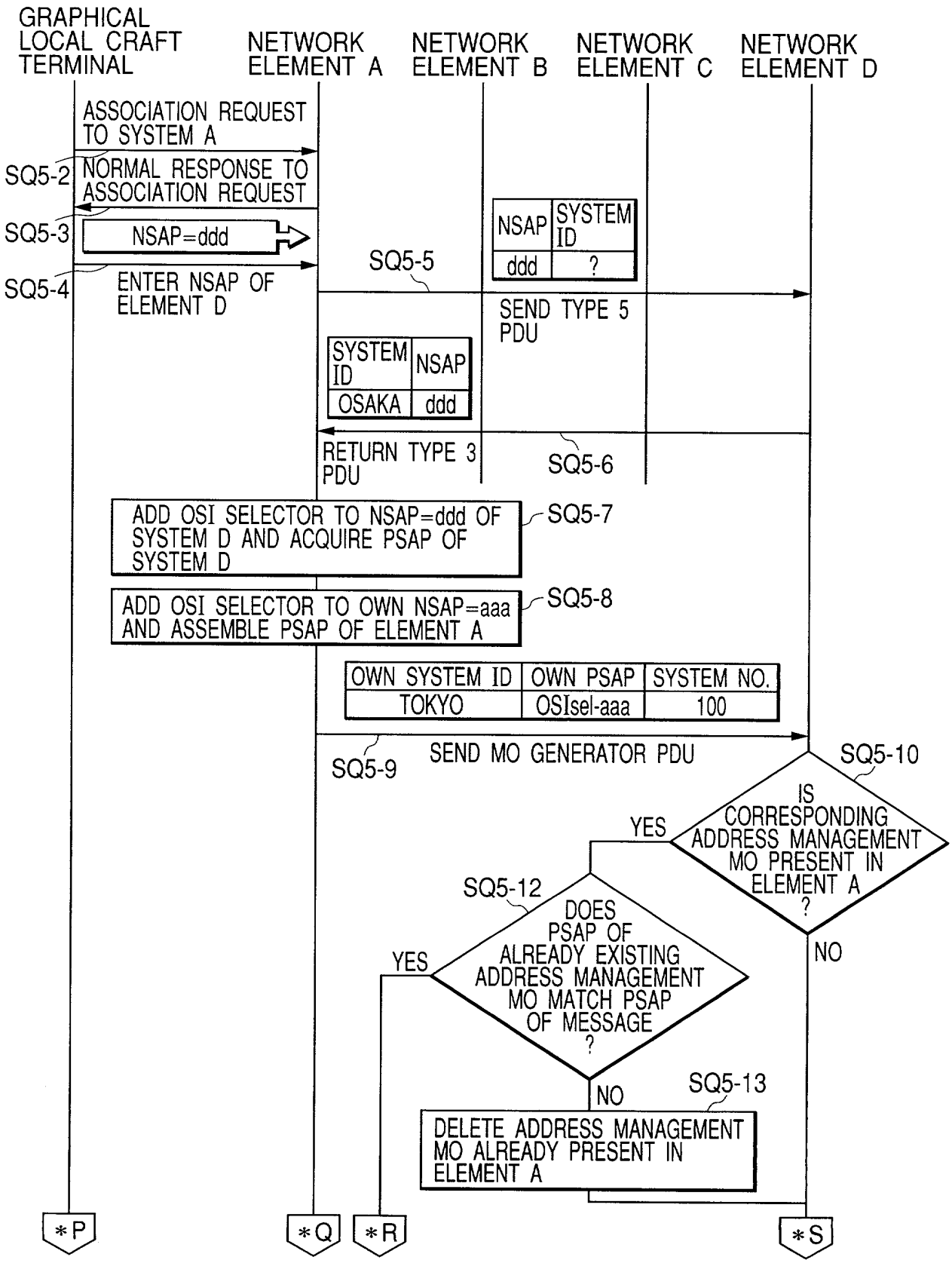

GRAPHICAL LOCAL CRAFT TERMINAL
NETWORK ELEMENT A
NETWORK ELEMENT B
NETWORK ELEMENT C
NETWORK ELEMENT D
ASSOCIATION REQUEST TO SYSTEM A
SQ5-2
NORMAL RESPONSE TO ASSOCIATION REQUEST
SQ5-3
NSAP=ddd
SQ5-4
ENTER NSAP OF ELEMENT D
NSAP | SYSTEM ID
ddd | ?
SQ5-5
SEND TYPE 5 PDU
SYSTEM ID | NSAP
OSAKA | ddd
RETURN TYPE 3 PDU
SQ5-6
ADD OSI SELECTOR TO NSAP=ddd OF SYSTEM D AND ACQUIRE PSAP OF SYSTEM D
SQ5-7
ADD OSI SELECTOR TO OWN NSAP=aaa AND ASSEMBLE PSAP OF ELEMENT A
SQ5-8
OWN SYSTEM ID | OWN PSAP | SYSTEM NO.
TOKYO | OSIsel-aaa | 100
SQ5-9
SEND MO GENERATOR PDU
SQ5-10
IS CORRESPONDING ADDRESS MANAGEMENT MO PRESENT IN ELEMENT A ?
YES
NO
SQ5-12
DOES PSAP OF ALREADY EXISTING ADDRESS MANAGEMENT MO MATCH PSAP OF MESSAGE ?
YES
NO
SQ5-13
DELETE ADDRESS MANAGEMENT MO ALREADY PRESENT IN ELEMENT A
*P
*Q
*R
*S

FIG. 6

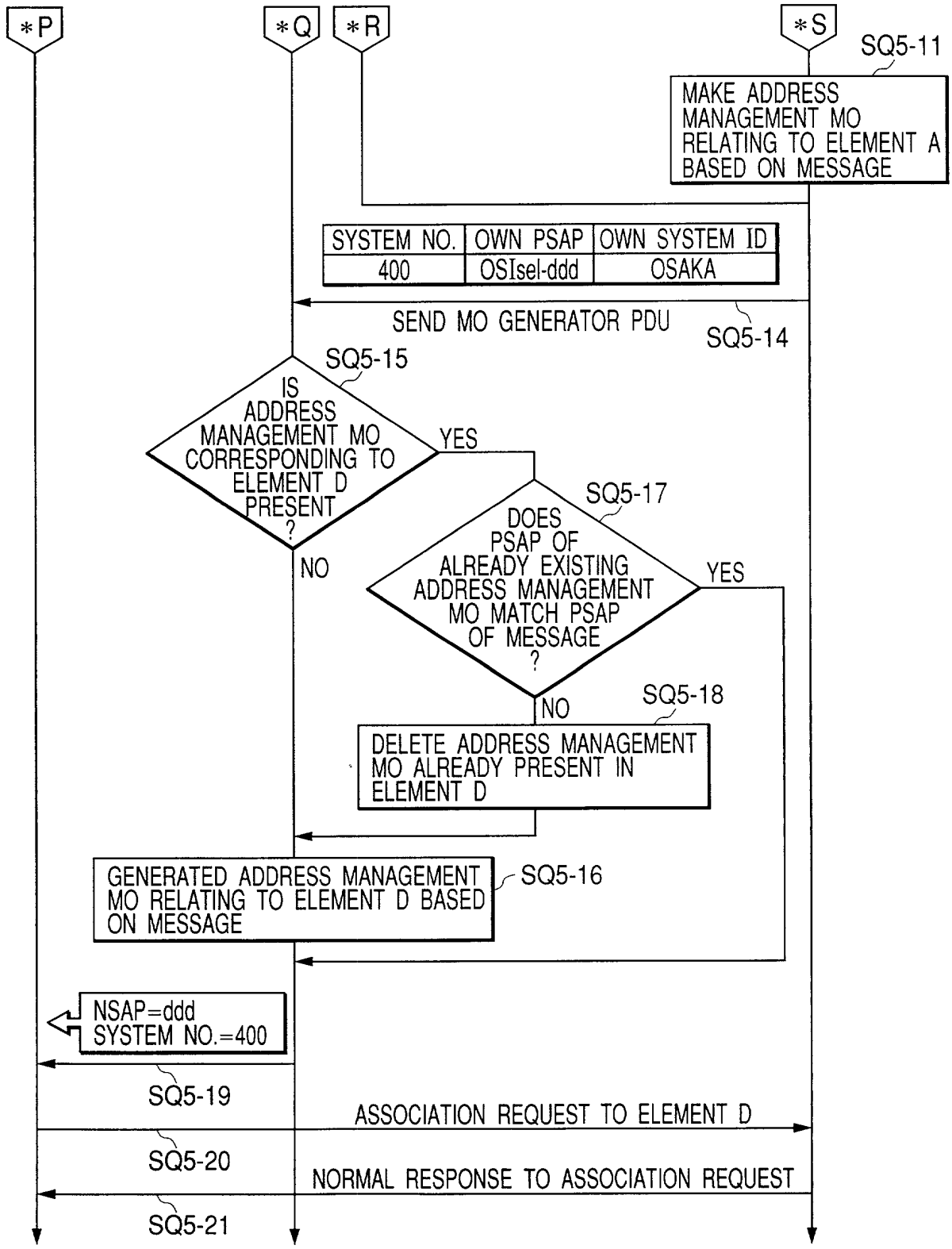
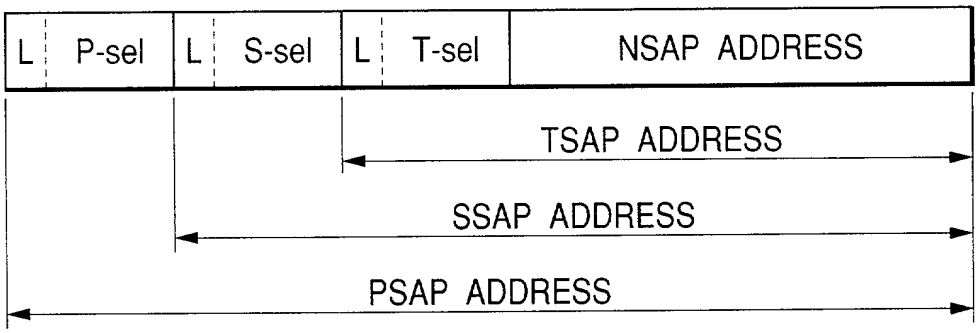

*P
*Q
*R
*S
SQ5-11
MAKE ADDRESS MANAGEMENT MO RELATING TO ELEMENT A BASED ON MESSAGE
SYSTEM NO. | OWN PSAP | OWN SYSTEM ID
400 | OSIsel-ddd | OSAKA
SEND MO GENERATOR PDU
SQ5-14
SQ5-15
IS ADDRESS MANAGEMENT MO CORRESPONDING TO ELEMENT D PRESENT ?
YES
NO
SQ5-17
DOES PSAP OF ALREADY EXISTING ADDRESS MANAGEMENT MO MATCH PSAP OF MESSAGE ?
YES
NO
SQ5-18
DELETE ADDRESS MANAGEMENT MO ALREADY PRESENT IN ELEMENT D
GENERATED ADDRESS MANAGEMENT MO RELATING TO ELEMENT D BASED ON MESSAGE
SQ5-16
NSAP=ddd
SYSTEM NO.=400
SQ5-19
ASSOCIATION REQUEST TO ELEMENT D
SQ5-20
NORMAL RESPONSE TO ASSOCIATION REQUEST
SQ5-21

FIG. 7(a)



L ···LENGTH
T-sel ···TRANSPORT SELECTOR
S-sel ···SESSION SELECTOR
P-sel ···PRESENTATION SELECTOR

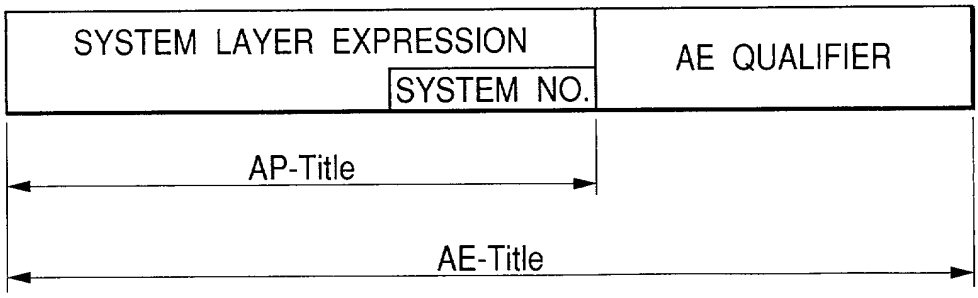



FIG. 7(b)